

## Claims

- [c1] A method of preventing a pregnancy by administering a safe and effective amount of activated carbon to a subject in need thereof.
- [c2] A method of preventing a sexually transmitted disease by administering a safe and effective amount of an activated carbon to a subject in need thereof.
- [c3] The method of Claim 2 wherein the sexually transmitted disease is selected from the group consisting of chlamydia, gonorrhea, syphilis, genital herpes and acquired immunodeficiency syndrome.
- [c4] A composition comprising:  
(a) a safe and effective amount of an activated carbon; and  
(b) a safe and effective amount of a spermicidal agent, an anti-sexually transmitted disease agent, or mixtures thereof.
- [c5] The composition of Claim 4, wherein the activated carbon is selected from the group consisting of activated carbon coated particles and activated cloth carbon.
- [c6] The composition of Claim 4, wherein the spermicidal agent is nonoxynol-9.
- [c7] The composition of Claim 4, wherein the anti-sexually transmitted disease agent is selected from the group consisting of surfactant agent, anti-metabolite agent, competitive binding inhibitor agent and mixtures thereof.
- [c8] The composition of Claim 7, wherein the surfactant agent is selected from the group consisting of saponin, nonoxynol-9, octoxynol-9, chlorhexidine, benzalkonium halide, triclosan and mixtures thereof.
- [c9] The composition of Claim 7, wherein the anti-metabolite agent is azidothymidine.
- [c10] The composition of Claim 4, further comprising other active ingredient for preventing a pregnancy or preventing a sexually transmitted disease, wherein the other active ingredient is selected from the group consisting of polyamides, clays, pollens, polysaccharides, metal oxides, metal carbonates and mixtures

thereof.

- [c11] A composition comprising an inorganic oxide or carbonate substrate coated with an activated carbon.
- [c12] The composition of Claim 11, wherein the inorganic oxide substrate is selected from the group consisting of silicon dioxide, titanium dioxide, zinc oxide, calcium oxide, calcium oxide and mixtures thereof.
- [c13] The composition of Claim 12, wherein the activated carbon is a safe and effective amount and a thermoset phenolic resin.
- [c14] The composition of Claim 11 further comprising a spermicidal agent, an anti-sexually transmitted disease agent, or mixtures thereof.
- [c15] A method of preventing a pregnancy by administering a safe and effective amount of a composition comprising an inorganic oxide or carbonate substrate coated with activated carbon to a subject in need thereof.
- [c16] A method of preventing a sexually transmitted disease by administering a safe and effect of amount of a composition comprising an inorganic oxide substrate coated with activated carbon to a subject in need thereof.
- [c17] A kit for preventing for preventing a pregnancy or preventing a sexually transmitted disease comprising:
- (a) a unit dose form of an activated carbon;
  - (b) a unit dose form of an spermicidal agent, an anti-sexually transmitted disease agent, or mixtures thereof;
  - (c) a package containing components (a) and (b); and
  - (d) optionally directions for use thereof.
- [c18] A kit for preventing for preventing a pregnancy or preventing a sexually transmitted disease comprising:
- (a) a unit dose form of an activated carbon;
  - (b) a barrier agent;
  - (c) a package containing components (a) and (b); and optionally directions for use thereof.